

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

17. (Previously Presented) A hearing aid system for in-situ fitting of hearing aids, said system comprising

a hearing aid, said hearing aid having a microphone, a signal processor for processing an output from said microphone, a digital amplifier for amplifying an output from said signal processor, an output transducer for converting into sound an output from said digital amplifier, and a control signal receiver means,

a control device, said control device being adapted for communication with said control signal receiver means for selective generation and feeding of a test signal to said output transducer

a voltage dividing network adapted to cooperate with said digital amplifier so as to attenuate said test signal as fed to said output transducer,

and switch means for optionally switching between a first position and a second position, said switch means acting in said first position to connect said voltage dividing network to attenuate said test signal, and said switch means acting in said second position to bypass said voltage dividing network in order to feed said test signal directly to said output transducer.

18. (Previously Presented) The hearing aid system according to claim 17, wherein said control device is adapted to supply power to said hearing aid while said control device is in communication with said hearing aid.

19. (Previously Presented) The hearing aid system according to claim 17, wherein said control device is adapted for communication with said control signal receiver means by way of a cordless connection.

20. (Canceled)

21. (Previously Presented) The hearing aid system according to claim 17, wherein said voltage dividing network comprises at least two fixed value resistors.

22. (Previously Presented) The hearing aid system according to claim 17, wherein said digital amplifier comprises a digital/analogue converter.

23. (Previously Presented) The hearing aid system according to claim 17, wherein said digital amplifier comprises a switching amplifier.

24. (Previously Presented) The hearing aid system according to claim 17, wherein said digital amplifier comprises a bit-stream converter.

25. (Previously Presented) The hearing aid system according to claim 22, wherein said digital/analog converter comprises a sigma-delta converter.

26. (Previously Presented) The hearing aid system according to claim 17, wherein said voltage dividing network is connected to receive an output from said digital amplifier and to feed to said output transducer an attenuated version of said test signal.

27. (Previously Presented) The hearing aid according to claim 17, wherein said voltage dividing network is connected to attenuate a supply voltage for said digital amplifier.

28. (Currently Amended) A hearing aid adapted for in-situ fitting with the hearing aid acting as an audio signal source, said hearing aid comprising a digital amplifier, attenuation means and an output transducer,

said hearing aid being adapted for selective operation in a first mode and a second mode,
said hearing aid being adapted to operate in said first mode to generate by said digital amplifier an amplifier output signal within a first dynamic range extending between an amplifier noise level and a maximum output level,

and said hearing aid being adapted to operate, in said second mode, to feed to said digital amplifier a test signal, and to generate by said digital amplifier and said attenuation means an

amplifier output signal within a second dynamic range, which second dynamic range is shifted to lower levels relative to said first dynamic range.

29. (Previously Presented) The hearing aid according to claim 28, wherein said attenuation means comprises a voltage dividing resistor network.

30. (Previously Presented) The hearing aid according to claim 29, wherein said resistor network comprises fixed value resistors.

31. (Currently Amended) The hearing aid according to claim 28, wherein said digital amplifier is a switch mode amplifier, and wherein said attenuation means comprises means for attenuating a supply voltage for said ~~switch mode amplifier~~digital amplifier.

32. (Previously Presented) The hearing aid according to claim 28, wherein said attenuation means comprises means for attenuating an output signal from said digital amplifier.

33. (Previously Presented) The hearing aid according to claim 28, comprising a microphone and a selector switch, which selector switch is adapted to selectively connect said microphone to, or disconnect said microphone from, said digital amplifier.